

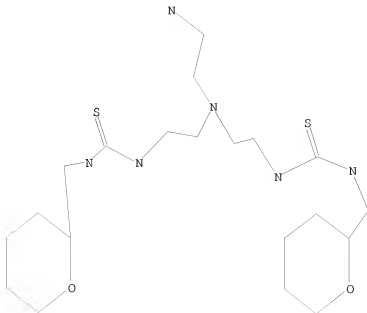
=>
Uploading C:\Documents and Settings\jlaul\My Documents\10580856 - CD dimer\generic
base structure.str

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss sam

SAMPLE SEARCH INITIATED 09:48:13 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 3 TO ITERATE

100.0% PROCESSED 3 ITERATIONS

3 ANSWERS

SEARCH TIME: 00.00.02

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 3 TO 163

PROJECTED ANSWERS: 3 TO 163

L2 3 SEA SSS SAM L1

=> d l2 scan

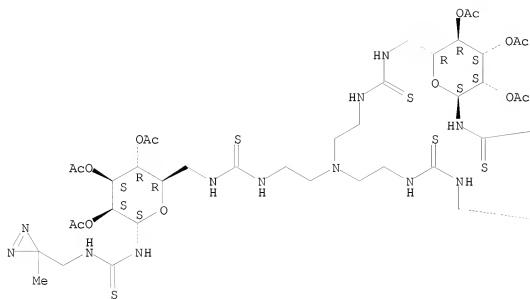
L2 3 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN

IN Thiourea, 6'',6''',6''''',6''''''-[nitrilotris(2,1-ethanediyliminocarbonothioyli
mino)]tris[N-[(3-methyl-3H-diazirin-3-yl)methyl]-N'-(2,3,4-tri-O-acetyl-6-
deoxy- α -D-mannopyranosyl)]- (9CI)

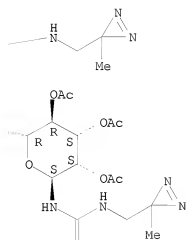
MF C57 H87 N19 O21 S6

Absolute stereochemistry. Rotation (+).

PAGE 1-A



PAGE 1-B



||
S

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 3 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN β -Cyclodextrin, 6A,6'A-[[[2-[[[1,1-dimethylethoxy)carbonyl]amino]ethyl
1]imino]bis(2,1-ethanediyliminocarbonothioylimino)]bis[6A-deoxy- (9CI)
MF C97 H164 N6 O70 S2

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 3 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN β -Cyclodextrin, 6A,6'A-[[[2-[[[2-(α -D-mannopyranosyloxy)-1,1-
bis[(α -D-mannopyranosyloxy)methyl]ethyl]amino]thioxomethyl]amino]eth
yl]imino]bis(2,1-ethanediyliminocarbonothioylimino)]bis[6A-deoxy- (9CI)
MF C115 H195 N7 O86 S3
CI COM

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

=> s 11 sss full
FULL SEARCH INITIATED 09:48:59 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 47 TO ITERATE

100.0% PROCESSED 47 ITERATIONS 18 ANSWERS
SEARCH TIME: 00.00.01

L3 18 SEA SSS FUL L1

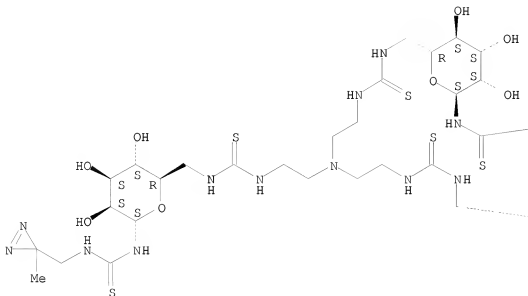
=> d 13 1-18

L3 ANSWER 1 OF 18 REGISTRY COPYRIGHT 2008 ACS on STN
RN 888323-14-6 REGISTRY
ED Entered STN: 19 Jun 2006
CN Thiourea, 6'',6''',6''''',6''''''-[nitrilotris(2,1-ethanediyliminocarbonothioyl
mino)]tris[N-(6-deoxy- α -D-mannopyranosyl)-N'-[(3-methyl-3H-diazirin-
3-yl)methyl]- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C39 H69 N19 O12 S6

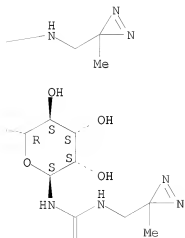
SR CA
LC STN Files: CA, CAPLUS, CASREACT

Absolute stereochemistry. Rotation (+).

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PAGE 1-B



||
S

PAGE 2-B

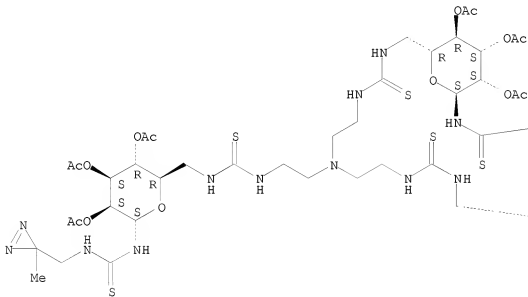
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

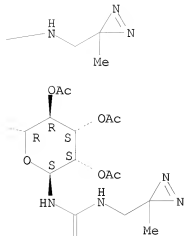
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 2 OF 18 REGISTRY COPYRIGHT 2008 ACS on STN
RN 888323-13-5 REGISTRY
ED Entered STN: 19 Jun 2006
CN Thiourea, 6'',6''',6''''-[nitrilotris(2,1-ethanediyliminocarbonothioyl
mino)]tris[N-[(3-methyl-3H-diazirin-3-yl)methyl]-N'-(2,3,4-tri-O-acetyl-6-
deoxy- α -D-mannopyranosyl)- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C57 H87 N19 O21 S6
SR CA
LC STN Files: CA, CAPLUS, CASREACT

Absolute stereochemistry. Rotation (+).

PAGE 1-A





PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 3 OF 18 REGISTRY COPYRIGHT 2008 ACS on STN
RN 851959-64-3 REGISTRY
ED Entered STN: 09 Jun 2005
CN β -Cyclodextrin, 6A,6'A-[[[2-[[[2-(α -D-mannopyranosyloxy)-1,1-bis[α -D-mannopyranosyloxy)methyl]ethyl]amino]thioxomethyl]amino]ethyl]imino]bis(2,1-ethanediyliminocarbonothioylimino)]bis[6A-deoxy-, compd. with (2aR,4S,4aS,6R,9S,11S,12S,12aR,12bS)-12b-(acetyloxy)-12-(benzoyloxy)-2a,3,4,4a,5,6,9,10,11,12,12a,12b-dodecahydro-4,6,11-trihydroxy-4a,8,13,13-tetramethyl-5-oxo-7,11-methano-1H-cyclodeca[3,4]benz[1,2-b]oxet-9-yl (α R, β S)-[[[(1,1-dimethylethoxy)carbonyl]amino]- α -hydroxybenzenepropanoate (1:1) (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C115 H195 N7 O86 S3 . C43 H53 N O14
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

CM 1

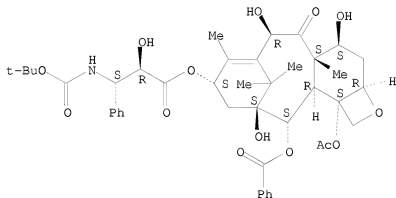
CRN 851959-57-4
CMF C115 H195 N7 O86 S3

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

CM 2

CRN 114977-28-5
CMF C43 H53 N O14

Absolute stereochemistry. Rotation (-).

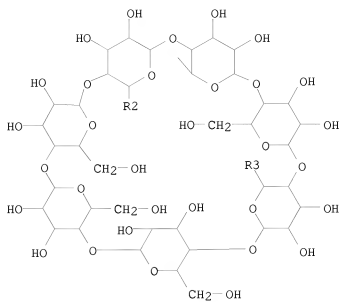


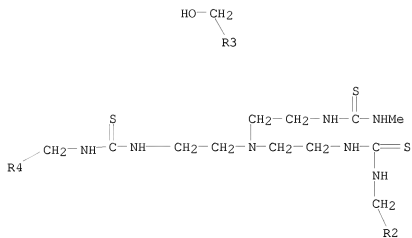
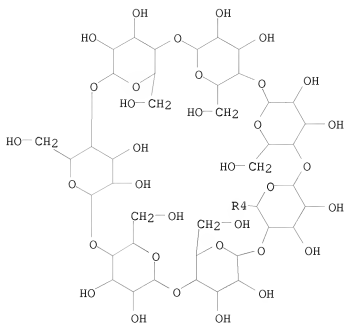
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 4 OF 18 REGISTRY COPYRIGHT 2008 ACS on STN
RN 851959-63-2 REGISTRY
ED Entered STN: 09 Jun 2005
CN β -Cyclodextrin, 6A,6'A-[[[2-[[[(methylamino)thioxomethyl]amino]ethyl]imino]bis(2,1-ethanediyliminocarbonothioylimino)]bis[6A-deoxy-, compd. with (2aR,4S,4aS,6R,9S,11S,12S,12aR,12bS)-12b-(acetyloxy)-12-(benzoyloxy)-2a,3,4,4a,5,6,9,10,11,12,12a,12b-dodecahydro-4,6,11-trihydroxy-4a,8,13,13-tetramethyl-5-oxo-7,11-methano-1H-cyclodeca[3,4]benz[1,2-b]oxet-9-yl (α R, β S)- β -[[[(1,1-dimethylethoxy)carbonyl]amino]- α -hydroxybenzenepropanoate (1:1) (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C94 H159 N7 O68 S3 . C43 H53 N O14
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

CM 1

CRN 851959-52-9
CMF C94 H159 N7 O68 S3



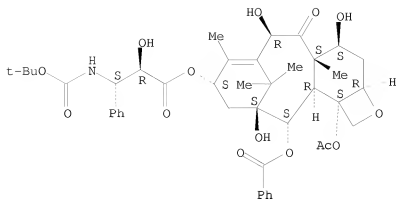


CM 2

CRN 114977-28-5

CMF C43 H53 N O14

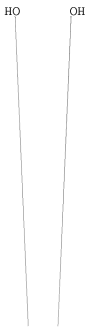
Absolute stereochemistry. Rotation (-).

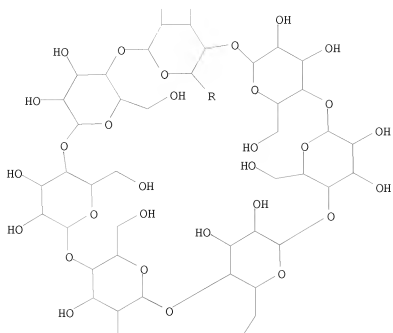


1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 5 OF 18 REGISTRY COPYRIGHT 2008 ACS on STN
RN 851959-60-9 REGISTRY
ED Entered STN: 09 Jun 2005
CN β -Cyclodextrin, 6A,6'A-[[[12-(α -D-mannopyranosylamino)-8-[2-
[[(α -D-mannopyranosylamino)thioxomethylamino]ethyl]-4,12-dithio-
3,5,8,11-tetraazadodec-1-yl]imino]bis(2,1-ethanediyliminocarbonothioylimin
o)]bis[6A-deoxy- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C113 H194 N12 O78 S5
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

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PAGE 3-B



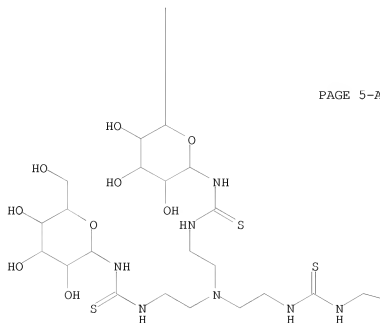
PAGE 4-A

HO—

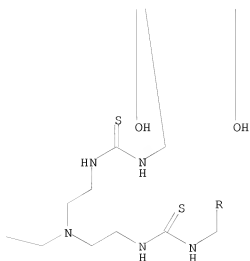
HO—



* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *



PAGE 5-A



PAGE 5-B

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

RN 851959-57-4 REGISTRY
ED Entered STN: 09 Jun 2005
CN β -Cyclodextrin, 6A,6'A-[[[2-[[[2-(α -D-mannopyranosyloxy)-1,1-bis[(α -D-mannopyranosyloxy)methyl]ethyl]amino]thioxomethyl]amino]ethyl]imino]bis(2,1-ethanediyliminocarbonothioylimino)]bis[6A-deoxy- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C115 H195 N7 O86 S3
CI COM
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 7 OF 18 REGISTRY COPYRIGHT 2008 ACS on STN
RN 851959-56-3 REGISTRY
ED Entered STN: 09 Jun 2005
CN β -Cyclodextrin, 6A,6'A-[[[2-[[[2-[(2,3,4,6-tetra-O-acetyl- α -D-mannopyranosyl)oxy]-1,1-bis[[[(2,3,4,6-tetra-O-acetyl- α -D-mannopyranosyl)oxy]methyl]ethyl]amino]thioxomethyl]amino]ethyl]imino]bis(2,1-ethanediyliminocarbonothioylimino)]bis[6A-deoxy- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C139 H219 N7 O98 S3
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 8 OF 18 REGISTRY COPYRIGHT 2008 ACS on STN
RN 851959-55-2 REGISTRY
ED Entered STN: 09 Jun 2005
CN β -Cyclodextrin, 6A,6'A-[[[2-[[[2-(α -D-mannopyranosylamino)thioxomethyl]amino]ethyl]imino]bis(2,1-ethanediyliminocarbonothioylimino)]bis[6A-deoxy- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C99 H167 N7 O73 S3
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 9 OF 18 REGISTRY COPYRIGHT 2008 ACS on STN
RN 851959-54-1 REGISTRY

ED Entered STN: 09 Jun 2005
 CN β -Cyclodextrin, 6A,6'A-[[[2-[[[(2,3,4,6-tetra-O-acetyl- α -D-mannopyranosyl)amino]thioxomethyl]amino]ethyl]imino]bis(2,1-ethanediyliminocarbonothioylimino)]bis[6A-deoxy- (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C107 H175 N7 O77 S3
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL

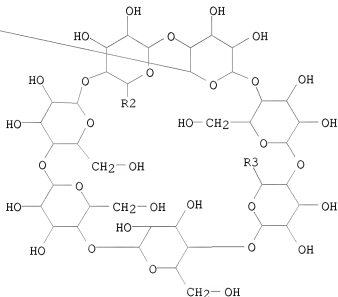
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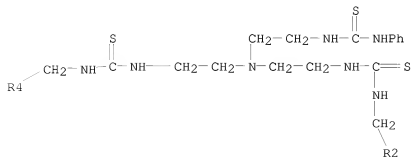
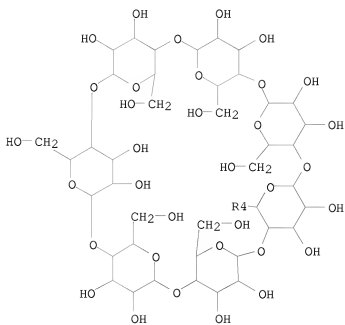
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 10 OF 18 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 851959-53-0 REGISTRY
 ED Entered STN: 09 Jun 2005
 CN β -Cyclodextrin, 6A,6'A-[[[2-[[[(phenylamino)thioxomethyl]amino]ethyl]imino]bis(2,1-ethanediyliminocarbonothioylimino)]bis[6A-deoxy- (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C99 H161 N7 O68 S3
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL

PAGE 1-A



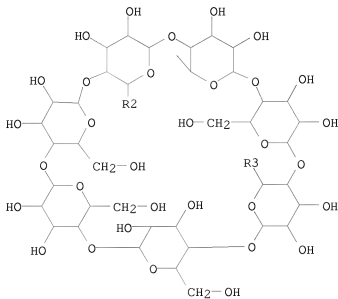


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

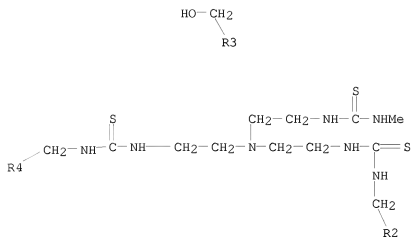
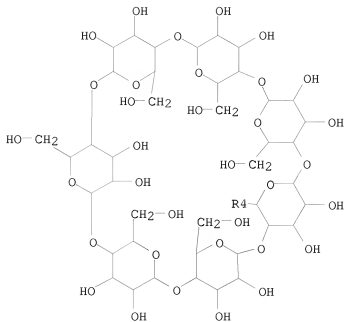
L3 ANSWER 11 OF 18 REGISTRY COPYRIGHT 2008 ACS on STN
RN 851959-52-9 REGISTRY
ED Entered STN: 09 Jun 2005
CN β -Cyclodextrin, 6A,6'A-[[[2-[[[(methylamino)thioxomethyl]amino]ethyl]i
mino]bis(2,1-ethanediyliminocarbonothioylimino)]bis[6A-deoxy- (9CI) (CA
INDEX NAME)
FS STEREOSEARCH
MF C94 H159 N7 O68 S3
CI COM
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

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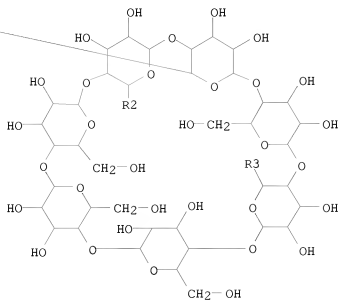
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 12 OF 18 REGISTRY COPYRIGHT 2008 ACS on STN
RN 765963-63-1 REGISTRY
ED Entered STN: 20 Oct 2004
CN β -Cyclodextrin, 6A,6'A-[(2-aminoethyl)imino]bis(2,1-

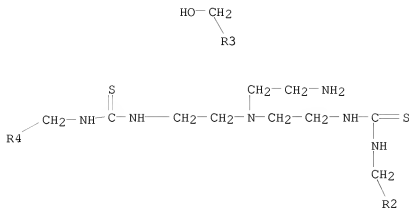
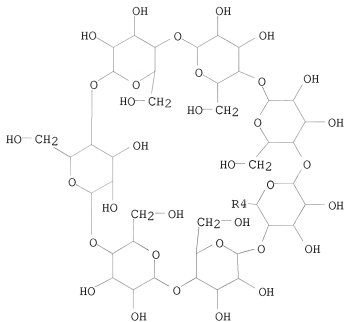
ethanediyliminocarbonothioylimino)]bis[6A-deoxy- (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C92 H156 N6 O68 S2
 SR CA
 LC STN Files: CA, CAPLUS, CASREACT, TOXCENTER, USPATFULL

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PAGE 2-A

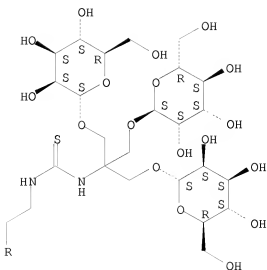
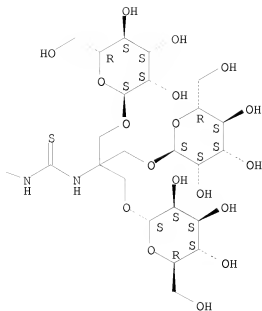




PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 13 OF 18 REGISTRY COPYRIGHT 2008 ACS on STN
RN 765963-62-0 REGISTRY
ED Entered STN: 20 Oct 2004
CN β -Cyclodextrin, 6A,6'A-[[[2-[[[(1,1-dimethylethoxy)carbonyl]amino]ethyl]imino]bis(2,1-ethanediyliminocarbonothioylimino)]bis[6A-deoxy-(9CI)]]]
(CA INDEX NAME)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

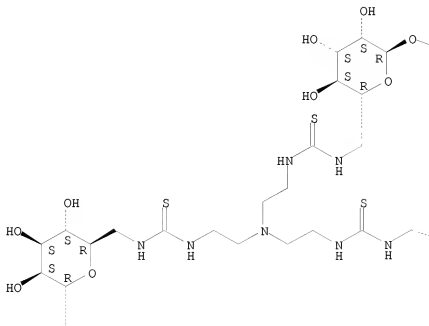
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

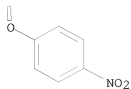
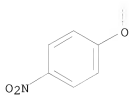
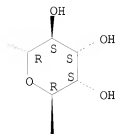
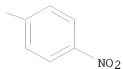
L3 ANSWER 15 OF 18 REGISTRY COPYRIGHT 2008 ACS on STN
RN 211985-74-9 REGISTRY
ED Entered STN: 01 Oct 1998

CN α -D-Mannopyranoside, 6,6',6''-[nitrilotris(2,1-ethanediyliminocarbonothioylimino)]tris[4-nitrophenyl 6-deoxy- (9CI) (CA
 INDEX NAME)
 FS STEREOSEARCH
 MF C45 H60 N10 O21 S3
 SR CA
 LC STN Files: CA, CAPLUS

Absolute stereochemistry. Rotation (+).

PAGE 1-A



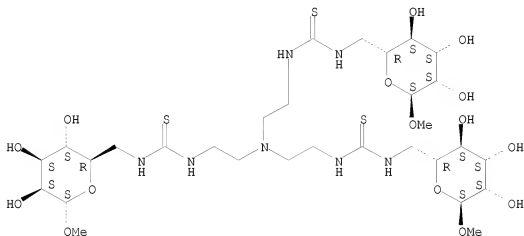


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

ED Entered STN: 01 Oct 1998
 CN α -D-Mannopyranoside, 6,6',6'''-[nitrilotris(2,1-ethanediyliminocarbonothioylimino)]tris[methyl 6-deoxy- (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C30 H57 N7 O15 S3
 SR CA
 LC STN Files: CA, CAPLUS

Absolute stereochemistry. Rotation (+).

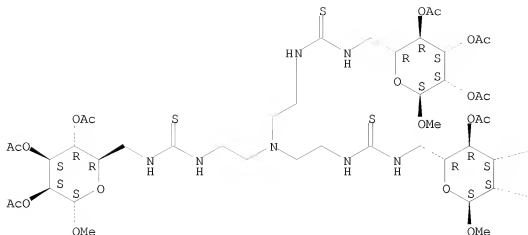


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 17 OF 18 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 211985-72-7 REGISTRY
 ED Entered STN: 01 Oct 1998
 CN α -D-Mannopyranoside, 6,6',6'''-[nitrilotris(2,1-ethanediyliminocarbonothioylimino)]tris[methyl 6-deoxy-, 2,2',2'',3,3',3'',4,4',4'''-nonaacetate (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C48 H75 N7 O24 S3
 SR CA
 LC STN Files: CA, CAPLUS

Absolute stereochemistry. Rotation (+).



...OAc

...OAc

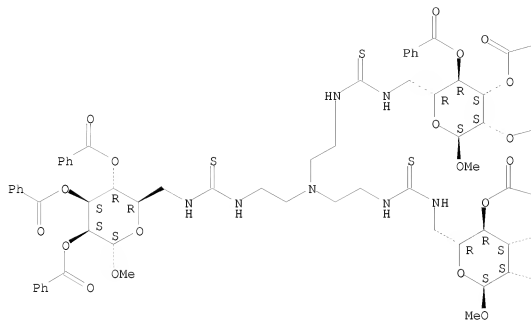
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 18 OF 18 REGISTRY COPYRIGHT 2008 ACS on STN
RN 211985-71-6 REGISTRY
ED Entered STN: 01 Oct 1998
CN α -D-Mannopyranoside, 6,6',6'''-[nitrilotris(2,1-ethanediyliminocarbonothioylimino)]tris[methyl 6-deoxy-, 2,2',2'',3,3',3'',4,4',4'''-nonabenzoate (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C93 H93 N7 O24 S3
SR CA
LC STN Files: CA, CAPLUS

Absolute stereochemistry. Rotation (-).

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Ph

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> b caplus

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	214.82	215.03

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FILE COVERS 1907 - 16 Jul 2008 VOL 149 ISS 3
 FILE LAST UPDATED: 15 Jul 2008 (20080715/ED)

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=> s l3

L4 4 L3

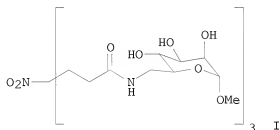
=> s l4 and py<=2003

23986215 PY<=2003

L5 1 L4 AND PY<=2003

=> d 15 ibib abs

L5 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 1998:433682 CAPLUS <<LOGINID:20080716>>
DOCUMENT NUMBER: 129:203149
ORIGINAL REFERENCE NO.: 129:41271a,41274a
TITLE: Multivalent ligands for the mannose-specific lectin on
type 1 fimbriae of Escherichia coli : syntheses and
testing of trivalent α -D-mannoside clusters
AUTHOR(S): Kotter, Sven; Krallmann-Wenzel, Ulrike; Ehlers,
Stefan; Lindhorst, Thisbe K.
CORPORATE SOURCE: Department of Organic Chemistry, University of
Hamburg, Hamburg, D-20146, Germany
SOURCE: Journal of the Chemical Society, Perkin Transactions
1: Organic and Bio-Organic Chemistry (1998),
(14), 2193-2200
CODEN: JCPRB4; ISSN: 0300-922X
PUBLISHER: Royal Society of Chemistry
DOCUMENT TYPE: Journal
LANGUAGE: English
GI



AB The syntheses of the tri-antennary cluster α -D-mannosides 16, 19, 23 and 24 and their capacities to inhibit mannose-dependent binding of E. coli HB 101 (pPK14) are described. The cluster glycosides are formed by glycosylation of tris-(3-hydroxypropyl)nitromethane, by linking of suitable mannoside derivs. via amide and thiourea bonds to tris-(2-carboxyethyl)nitromethane and tris-(2-aminoethyl)amine. Functionalized mannosides are attached to the core mols. at the 6-position of the sugar ring to allow variation of the introduced aglycon moieties in order to compare their effects on the inhibitory potencies of the derived mannoside clusters. The 6-peptide-bridged cluster mannoside (I) displays the highest binding potency towards the type 1 fimbrial lectin of E. coli as tested by inhibition agglutination tests and ELISA.

REFERENCE COUNT: 41 THERE ARE 41 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d 14 scan

L4 4 ANSWERS CAPLUS COPYRIGHT 2008 ACS on STN
CC 63-6 (Pharmaceuticals)

Section cross-reference(s): 35

- TI Optimizing saccharide-directed molecular delivery to biological receptors: design, synthesis, and biological evaluation of glycodendrimer-cyclodextrin conjugates
- ST glycodendrimer cyclodextrin conjugate Taxotere lectin Con A binding
- IT Dendritic polymers
RL: BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(conjugates with cyclodextrin; design and synthesis and biol. evaluation of glycodendrimer-cyclodextrin conjugates for molecularly directed delivery of docetaxel)
- IT Macrophage
(design and synthesis and biol. evaluation of glycodendrimer-cyclodextrin conjugates for molecularly directed delivery of docetaxel)
- IT Agglutinins and Lectins
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(design and synthesis and biol. evaluation of glycodendrimer-cyclodextrin conjugates for molecularly directed delivery of docetaxel)
- IT Drug delivery systems
(prodrugs; design and synthesis and biol. evaluation of glycodendrimer-cyclodextrin conjugates for molecularly directed delivery of docetaxel)
- IT 11028-71-0, Con A
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(binding with dendritic cyclodextrin conjugates; design and synthesis and biol. evaluation of glycodendrimer-cyclodextrin conjugates for molecularly directed delivery of docetaxel)
- IT 250329-55-6P 307980-95-6P 307980-97-8P 307980-99-0P 307981-01-7P
307981-03-9P 399043-03-9P 765963-49-3P 765963-50-6P 765963-51-7P
765963-52-8P 765963-53-9P 765963-54-0P 765963-55-1P 765963-56-2P
765963-57-3P 765963-58-4P 765963-59-5P 765963-60-8P
765963-68-6P 765963-69-7P 76549-42-2P
- RL: BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(design and synthesis and biol. evaluation of glycodendrimer-cyclodextrin conjugates for molecularly directed delivery of docetaxel)
- IT 114977-28-5, (Taxotere)
RL: BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(design and synthesis and biol. evaluation of glycodendrimer-cyclodextrin conjugates for molecularly directed delivery of docetaxel)
- IT 849832-26-4P
RL: CRT (Combinatorial reactant); RCT (Reactant); SPN (Synthetic preparation); CMBI (Combinatorial study); PREP (Preparation); RACT (Reactant or reagent)
(design and synthesis and biol. evaluation of glycodendrimer-cyclodextrin conjugates for molecularly directed delivery of docetaxel)
- IT 765963-67-5P 766549-80-8P
RL: PRP (Properties); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(design and synthesis and biol. evaluation of glycodendrimer-cyclodextrin conjugates for molecularly directed delivery of docetaxel)
- IT 80-40-0 111-40-0 463-71-8, Thiophosgene 4097-89-6 5155-47-5,
Methyl 6-amino-6-deoxy- α -D-glucopyranoside 5515-02-6 29390-67-8
58632-95-4 93221-21-7 149876-86-8 207347-75-9 765963-61-9
765963-64-2

RL: RCT (Reactant); RACT (Reactant or reagent)
 (design and synthesis and biol. evaluation of glycodendrimer-
 cyclodextrin conjugates for molecularly directed delivery of docetaxel)

IT 117499-16-8P 179167-09-0P 250329-52-3P 307980-79-6P 307980-81-0P
 307980-83-2P 307980-85-4P 307980-87-6P 307980-89-8P 307980-91-2P
 307980-93-4P 765963-43-7P 765963-44-8P 765963-45-9P 765963-46-0P
 765963-47-1P 765963-48-2P 765963-62-0P 765963-63-1P
 765963-65-3P 765963-66-4P 849832-16-2P 849832-17-3P 849832-18-4P
 849832-27-5P 849832-28-6P 849834-36-2P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
 (Reactant or reagent)
 (design and synthesis and biol. evaluation of glycodendrimer-
 cyclodextrin conjugates for molecularly directed delivery of docetaxel)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L4 4 ANSWERS CAPLUS COPYRIGHT 2008 ACS ON STN

IC ICM C08B037-16

ICS A61K047-48; A61K031-337; A61P035-00

CC 33-4 (Carbohydrates)
 Section cross-reference(s): 6, 63

TI New cyclodextrin dimers and their derivatives, their preparation
 processes, and their use in particular for solubilization of
 pharmacologically active substances

ST cyclodextrin dimer prep'n solubilization pharmacol Con A inclusion taxotere

IT Oligosaccharides, preparation
 RL: BSU (Biological study, unclassified); IMF (Industrial manufacture);
 SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
 (cyclic; process Preparation of cyclodextrin dimers and their use for
 solubilization of pharmacol. active substances)

IT Solubilization
 (process Preparation of cyclodextrin dimers and their use for solubilization
 of pharmacol. active substances)

IT Inclusion compounds
 RL: BSU (Biological study, unclassified); IMF (Industrial manufacture);
 SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
 (process preparation of cyclodextrin dimers and their use for solubilization
 of pharmacol. active substances)

IT 11028-71-0, ConA
 RL: BSU (Biological study, unclassified); BIOL (Biological study)
 (process preparation of cyclodextrin dimers and their use for solubilization
 of pharmacol. active substances)

IT 766549-80-8P 851959-63-2P 851959-64-3P
 RL: BSU (Biological study, unclassified); IMF (Industrial manufacture);
 BIOL (Biological study); PREP (Preparation)
 (process preparation of cyclodextrin dimers and their use for solubilization
 of pharmacol. active substances)

IT 766549-42-2P 851959-54-1P 851959-55-2P
851959-57-4P 851959-60-9P
 RL: BSU (Biological study, unclassified); IMF (Industrial manufacture);
 SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
 (process preparation of cyclodextrin dimers and their use for solubilization
 of pharmacol. active substances)

IT 113738-22-0P 117499-16-8P 179167-09-0P 765963-61-9P
765963-62-0P 765963-63-1P 765963-64-2P 849834-36-2P
851959-52-9P 851959-53-0P 851959-56-3P
 851959-58-5P 851959-59-6P 851959-61-0P 851959-62-1P
 RL: IMF (Industrial manufacture); RCT (Reactant); SPN (Synthetic

preparation); PREP (Preparation); RACT (Reactant or reagent)
(process preparation of cyclodextrin dimers and their use for solubilization of pharmacol. active substances)

IT 103-71-9, Phenyl isocyanate, reactions 111-40-0, Diethylenetriamine
463-71-8, Thiophosgene 540-51-2, 2-Bromoethanol 624-83-9, Methyl
isocyanate 4097-89-6 29390-67-8 58632-95-4 93221-21-7
307980-79-6

RL: RCT (Reactant); RACT (Reactant or reagent)
(process preparation of cyclodextrin dimers and their use for solubilization of pharmacol. active substances)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L4 4 ANSWERS CAPLUS COPYRIGHT 2008 ACS ON STN

CC 33-7 (Carbohydrates)

Section cross-reference(s): 10

TI A modular system for the preparation of diazirine-labeled mannose
derivatives using thiourea bridging

ST thiourea azirine mannose glycoside prepn Escherichia coli

IT Escherichia coli

(synthesis of photolabile diazirine-labeled mannosides and mannosyl
clusters)

IT Aminoglycosides

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)

(synthesis of photolabile diazirine-labeled mannosides and mannosyl
clusters)

IT 78-96-6 93221-21-7 150771-92-9 182347-32-6 222990-01-4

888323-08-8

RL: RCT (Reactant); RACT (Reactant or reagent)

(synthesis of photolabile diazirine-labeled mannosides and mannosyl
clusters)

IT 170384-29-9P 882516-43-0P 882516-45-2P 888323-01-1P 888323-02-2P

888323-03-3P 888323-04-4P 888323-06-6P 888323-09-9P 888323-11-3P

888323-12-4P 888323-13-5P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)

(synthesis of photolabile diazirine-labeled mannosides and mannosyl
clusters)

IT 4097-89-6P 882516-53-2P 888323-05-5P 888323-07-7P 888323-10-2P

888323-14-6P

RL: SPN (Synthetic preparation); PREP (Preparation)

(synthesis of photolabile diazirine-labeled mannosides and mannosyl
clusters)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L4 4 ANSWERS CAPLUS COPYRIGHT 2008 ACS ON STN

CC 33-3 (Carbohydrates)

Section cross-reference(s): 1, 6

TI Multivalent ligands for the mannose-specific lectin on type 1 fimbriae of
Escherichia coli : syntheses and testing of trivalent α -D-mannoside
clusters

ST mannoside cluster binding inhibition Escherichia prepn

IT Escherichia coli

(syntheses of trivalent α -D-mannoside clusters as multivalent
ligands for the mannose-specific lectin on type 1 fimbriae of
Escherichia coli)

IT Dendritic polymers
Glycosides
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(syntheses of trivalent α -D-mannoside clusters as multivalent ligands for the mannose-specific lectin on type 1 fimbriae of Escherichia coli)

IT 10357-27-4
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); RCT (Reactant); BIOL (Biological study); RACT (Reactant or reagent)
(syntheses of trivalent α -D-mannoside clusters as multivalent ligands for the mannose-specific lectin on type 1 fimbriae of Escherichia coli)

IT 211985-68-1P 211985-70-5P 211985-73-8P 211985-74-9P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(syntheses of trivalent α -D-mannoside clusters as multivalent ligands for the mannose-specific lectin on type 1 fimbriae of Escherichia coli)

IT 4097-89-6 59085-15-3 83441-60-5 92528-09-1 116747-80-9
RL: RCT (Reactant); RACT (Reactant or reagent)
(syntheses of trivalent α -D-mannoside clusters as multivalent ligands for the mannose-specific lectin on type 1 fimbriae of Escherichia coli)

IT 18439-61-7P 66224-56-4P 79695-15-1P 150771-91-8P 150771-92-9P 211985-62-5P 211985-63-6P 211985-64-7P 211985-65-8P 211985-66-9P 211985-67-0P 211985-69-2P 211985-71-6P 211985-72-7P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(syntheses of trivalent α -D-mannoside clusters as multivalent ligands for the mannose-specific lectin on type 1 fimbriae of Escherichia coli)

ALL ANSWERS HAVE BEEN SCANNED

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(FILE 'HOME' ENTERED AT 09:47:31 ON 16 JUL 2008)

FILE 'REGISTRY' ENTERED AT 09:47:51 ON 16 JUL 2008

L1 STRUCTURE UPLOADED
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L3 18 S L1 SSS FULL

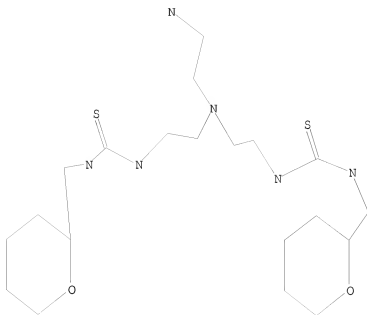
FILE 'CAPLUS' ENTERED AT 09:49:17 ON 16 JUL 2008

L4 4 S L3
L5 1 S L4 AND PY<=2003

=> d l1

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

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COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

5.99

221.02

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

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SESSION WILL BE HELD FOR 120 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 09:50:26 ON 16 JUL 2008